

Title (en)  
METHOD FOR REFLOW SOLDERING WITH VOLUME FLOW CONTROL

Title (de)  
VERFAHREN ZUM AUFSCHMELZLÖTEN MIT VOLUMENSTROMSTEUERUNG

Title (fr)  
PROCEDE DE BRASAGE PAR FUSION A COMMANDE DE DEBIT VOLUMETRIQUE

Publication  
**EP 1678992 A2 20060712 (DE)**

Application  
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Abstract (en)  
[origin: WO2005043758A2] According to one aspect of the invention it is possible to rapidly heat a soldering item by reducing an initially larger volume flow at a constant or increasing temperature, effectively preventing small components from overheating. By using the volume flow of a convection heater to control effective heat transmission occurring on said soldering item, it is also possible to adapt the soldering process in an extremely flexible manner to special requirements by virtue of the fact that adjustment of a modified volume flow can be controlled in a very quick and precise manner.

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**H05K 3/34**

IPC 8 full level  
**B23K 1/008** (2006.01); **H05K 3/34** (2006.01)

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**B23K 1/008** (2013.01 - EP US); **H05K 3/34** (2013.01 - KR); **H05K 3/3494** (2013.01 - EP US); **B23K 2101/40** (2018.07 - EP US); **H01L 2924/0002** (2013.01 - EP US); **H05K 2203/081** (2013.01 - EP US); **H05K 2203/111** (2013.01 - EP US); **H05K 2203/1476** (2013.01 - EP US)

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